

Dale Hollow National Fish Hatchery

Linking the Biological Health of the Nation's Aquatic Resources with the Economic Health of the Nation's Human Communities



Linking Biological and Economic Health

The Southeastern U.S.'s fish and aquatic resources are among the richest and most diverse in the world. These resources, and the recreational opportunities they provide, have helped support the Nation's growth by providing enormous ecological, social and economic contributions. Our aquatic resources are recognized as National assets that contribute to the quality of life and well being of the American people. National Fish Hatcheries help foster this critical link between the biological health of our Nation and its overall economic health.

A Multiplier of Economic Benefits

The high quality and efficient trout production at Dale Hollow National Fish Hatchery (NFH) is just one aspect of their fish production that creates a positive ripple effect for all Americans. Recreational angling for fish produced by the hatchery results in considerable expenditures of recreation-related goods and services such as lodging, transportation, boats, fishing equipment, and other gear used by the fishing public. A recent economic study clearly identified these annual economic benefits (Caudill and Charbonneau, 2010).

Dale Hollow NFH provides an enormous economic impact to the local, regional, and State economy. The hatchery is a major economic driver for many of the counties in north-central Tennessee and contributes significantly to the economies of counties in east Tennessee. The economic impact is felt by everyone, not just those associated with addressing the needs of anglers. This is especially significant in small towns and rural areas near the waters that are stocked by Dale Hollow NFH and where the purchases of fishing equipment, lodging, food, and

JOBS = 826 PEOPLE, \$21.5 MILLION IN WAGES
The fish production at Dale Hollow NFH generates employment for more than 826 people with over \$21.5 million in wage and salary income.

RETAIL SALES = \$39.7 MILLION
Retail sales associated with angler expenditures as result of stocking trout by Dale Hollow NFH amounted to \$39.7 million. Almost \$13 million of this relates to costs for food, lodging and transportation.

TAXES GENERATED = \$6 MILLION
Federal tax revenues amounted to \$2.6 million, a return of \$2.93 to the Federal treasury for every Federal tax dollar spent. This program is paying for itself nearly 3 times over. In addition, State and local tax revenues amounted to \$2.4 million.

TOTAL ECONOMIC OUTPUT = \$75.1 MILLION
Total economic output (multiplier effect) came to \$75.1 million, a return of \$94.00 for every dollar spent.

EACH TAX DOLLAR RETURN = \$94.00
Each taxpayer dollar spent for trout production at Dale Hollow NFH amounted to \$93.89 in economic output.

ECONOMIC BOOST = TENNESSEE
Seven of Tennessee's nine Congressional Districts (i.e., 1st, 2nd, 3rd, 4th, 5th, 6th, 7th) receive direct benefits from fish produced at Dale Hollow NFH.

"An Assessment of Economic Contributions from Fisheries and Aquatic Resource Conservation" (Dr. James Caudill and Dr. John Charbonneau, 2010)

transportation are made. In addition, businesses and industries that supply local retailers benefit from angler expenditures. In this way, each dollar of local retail expenditures can affect a variety of businesses at the local, regional and national levels. According to the study, the total economic output for trout production at Dale Hollow NFH amounts to \$75.1 million every year. That's an economic return of \$94.00 for every tax dollar spent to operate the hatchery.

For more information, contact:

Andrew Currie, Hatchery Manager
Dale Hollow National Fish Hatchery
145 Fish Hatchery Road
Celina, TN 38551
Phone: 931/243-2443
Email: dalehollow@fws.gov
www.fws.gov

